n PTO-1449 (modified)

Atty. Docket No. 10286.0350.NPUS01 Serial No. 10/605,946

List of Patents and Publications for Applicant's

**Applicant** Dan Mueller

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date: November 7, 2003 Group: 3672

U.S. Patent Documents

**Foreign Patent Documents** 

Other Art

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None

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## **U.S. Patent Documents**

| Exam.<br>Init. | Ref.<br>Des. | Document<br>Number | Date       | Name             | Class | Sub<br>Class | Filing date of App. |
|----------------|--------------|--------------------|------------|------------------|-------|--------------|---------------------|
| ZB             | A1           | 6,330,917 B2       | 12/18/2001 | Chatterji et al. | 166   | 295          | 01/23/01            |
| ZB             | A2           | 5,696,059          | 12/09/97   | Onan et al.      | 507   | 269          | 01/31/96            |
|                | A3           |                    |            |                  |       |              |                     |
|                | A4           |                    |            |                  |       |              |                     |
|                | A5           |                    |            |                  |       |              |                     |
|                | A6           |                    |            |                  |       |              |                     |
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|                | A12          |                    |            |                  |       |              |                     |
|                | A13          |                    |            | ,                |       |              |                     |
|                | A14          |                    |            |                  |       |              |                     |
|                | A15          |                    |            |                  |       |              |                     |
|                | A16          |                    |            |                  |       |              |                     |
|                | A17          |                    |            |                  |       |              |                     |
|                | A18          |                    |            |                  |       |              |                     |
|                | A19          |                    |            |                  |       |              |                     |
|                | A20          |                    |            |                  |       |              |                     |

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07/24/2006

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| Form PTO-1449 (modified)             |               | Atty. Docket No.  | Serial No.    |
|                                      |               | 10286.0350.NPUS01 | 10/605,946    |
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|                                      |               | Dan Mueller       |               |
| INFORMATION DISCLOSURE STATEMENT     |               |                   |               |
|                                      |               | Filing Date:      | Group:        |
| (Use several sheets if necessary)    |               | November 7, 2003  | 3672          |
| U.S. Patent Documents Foreign        |               | Patent Documents  | Other Art     |
| See Page 1                           |               | None              | See Page 2 -3 |

## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.) Exam. Ref. Citation Init. Des. Dale P. Bentz et al., "Experimental and Simulation Studies of the Interfacial Zone in C1 ZBConcrete; "National Institute of Standards and Technology, 1991; Vol. 22, No. 5, pp. 891 -K. Vivekanandam et al.; "Transition Zone in High Performance Concrete During Hydration; C2 Cement and Concrete Research, 1997, Vol. 27, No. 6, pp. 817-823 C3 K.J. Goodwin et al.; "Cement Sheath Stress Failure;" SPE 20453, 1990, pp. 495 - 508 C4 W. Deeg et al., "How Foamed Cement Advantages Extend to Hydraulic Fracturing Operations;" Production Technology, World Oil 1999, 4 pages C5 Dan Mueller; "An Evaluation of Well Cements for Use in High Stress Environments;" Hart's Petroleum Engineer International, April 1998, pp. 91, 93 Phil Rae et al., "Cement Design Using a Computer Model to Predict Zonal Isolation;" C6 SPE/GSTT-WC06, pp. 1-12 C7 Gino di Lullo et al., "Cements for Long Term-Design Optimization by Computer Modelling and Prediction," IADC/SPE 62745, 7 pages M.J. Thiercelin, et al., "Cement Design Based on Cement Mechanical Response;" SPE 38598, C8 1997, pp. 1-23 K.L. Scrivener et al., "The Percolation of Pore Space in the Cement Paste/Aggregate C9 Interfacial Zone of Concrete; "Vol. 26, No. 1, pp. 35-40 R.R. Hengst et al., "Fracture of Foamed Portland Cements;" Cement and Concrete Research, C10 Vol. 13, pp. 127-134, 1983 C11 T. Budi Aulia, et al.; "Effect of Mechanical Properties of Aggregate on the Ductility of High Performance Concrete; "LACER No. 4, 1999, pp. 133-148 C12 G. Appa Rao and B.K. Raghu Prasad, Indian Institute of Science and University of Tirupati, India, "Fracture Properties and Size Effect in HPC;" 3 pages

| Examiner: | /Zakiya Bates/ | DATE CONSIDERED: | 07/24/2006 |
|-----------|----------------|------------------|------------|

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

D.P. Bentz (2000), "Fibers, Percolation, and Spalling of High Performance Concrete;" ACI Materials Journal, <a href="http://www.bfrl.nist.gov/862/vcctl/software/hcss/firefiber/acicolor1.htm">http://www.bfrl.nist.gov/862/vcctl/software/hcss/firefiber/acicolor1.htm</a>,

C13

printed 6/28/02, 13 pages

| Form PTO-1449 (modified)                                       |    | Atty. Docket No. Serial No. 10286.0350.NPUS01 10/605,946 |                           |  |
|--|----|--|---------------------------|--|
| List of Patents and Publications for INFORMATION DISCLOSURE ST | •• | Applicant Dan Mueller                                    |                           |  |
| (Use several sheets if necessa                                 |    | Filing Date:<br>November 7, 2003                         | Group:<br>3672            |  |
| U.S. Patent Documents Foreign I See Page 1                     |    | Patent Documents None                                    | Other Art<br>See Page 2-3 |  |

| ZB | C14 | D.P. Bentz (1997), "Three-Dimensional Computer Simulation of Portland Cement Hydration and Microstructure Development;" J. Am. Ceram. Soc. 80, pp. 3-21 |
|----|-----|---|
| ZB | C15 | M. Thiercelin et al., (1998) "A Soil Mechanics Approach to Predict Cement Sheath Behavior;" SPE/ISRM 47375, pp. 329-337                                 |
| ZB | C16 | W.W. Fleckenstein, et al., (2001), "Burst-Induced Stresses in Cemented Wellbores;" SPE Drilling & Completion, pp. 74-80, 82                             |
| ZB | C17 | J. D. McLennan et al., (2002); "Some Advances in Near Wellbore Geomechanics;" SPE/ISRM 78194, pp. 1-13  |
|    | C18 |   |
|    | C19 |   |
|    | C20 |   |

Examiner: /Zakiya Bates/ DATE CONSIDERED: 07/24/2006

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| Form PTO-1449 (modified)                                    | ·  | Atty. Docket No.<br>10286.0350.NPUS01 | Serial No.<br>10/605,946 |     |
| O I P EList of Patents and Publications for                 | Patents and Publications for Applicant's ORMATION DISCLOSURE STATEMENT |                                       |                          |     |
| JUL 1 2 2004 JUL 1 2 2004 (Use several sheets if necessary) | ary)   | Filing Date:<br>November 7, 2003      | Group: 3672              |     |
| U.S. Patent Documents See Page 1                            | 1  | Patent Documents See Page 2           | Other Art<br>See Page 3  |     |

## Foreign Patent Documents

| Exam.<br>Init. | Ref.<br>Des. | Document<br>Number | Date       | Country | Class      | Sub<br>Class | Translation<br>Yes/No |
|----------------|--------------|--------------------|------------|---------|------------|--------------|-----------------------|
| ZB <           | B1           | 2 062 605 A        | 11/08/1979 | GB      | C04B 13/00 | 31/20        |                       |
| ZB ,           | B2           | 0 621 247 A3       | 04/18/1994 | EP      | C04B 20/00 | E21B 33/13   |                       |
| ZB ~           | В3           | 0 347 092 A3       | 06/071989  | EP      | B28B       | 1/52         |                       |
| ZB 🗸           | B4           | WO 02/083590 A3    | 04/18/2002 | GB      | C04B       | 40/00        |                       |
| ZB 🗸           | B5           | WO 01/87796 A1     | 05/11/2001 | EP      | C04B ·     | 28/02        |                       |
| ZB _           | В6           | WO 90/11977        | 04/09/1990 | EP      | C04B       | 18/08        |                       |
|                | В7           |                    |            |         |            |              |                       |
|                | B8           |                    |            |         |            |              |                       |
|                | B9           |                    |            |         |            |              |                       |
|                | B10          |                    |            |         |            |              |                       |
|                | B11          |                    |            |         |            |              |                       |
|                | B12          |                    |            |         |            |              |                       |
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|                | B14          |                    |            |         |            |              |                       |
|                | B15          |                    |            |         |            |              |                       |
|                | B16          |                    |            |         |            |              |                       |
|                | B17          | -                  |            |         |            |              |                       |
|                | B18          |                    |            |         |            |              |                       |
|                | B19          |                    |            |         |            |              |                       |
|                | B20          |                    |            |         |            |              |                       |

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| Information Disclosure Statement     |     |                                       |                          |  |
| (Use several sheets if necessa       | ry) | Filing Date:<br>November 7, 2003      | Group:<br>3672           |  |
|                                      |     | Patent Documents                      | Other Art                |  |
|                                      |     | See Page 2                            | See Page 3               |  |

## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

| Exam.<br>Init. | Ref.<br>Des. | Citation   |
|----------------|--------------|--|
| ZB             | Cl           | Examination Opinion for GB Patent Application GB0326166.6; April 29, 2004            |
| ZB             | C2           | Search Report Under Section 17 for GB Patent Application GB0326166.6; April 28, 2004 |
|                | C3           |  |
|                | C4           | ·  |
|                | C5           |  |
|                | C6           |  |
|                | C7           |  |
|                | C8           |  |
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